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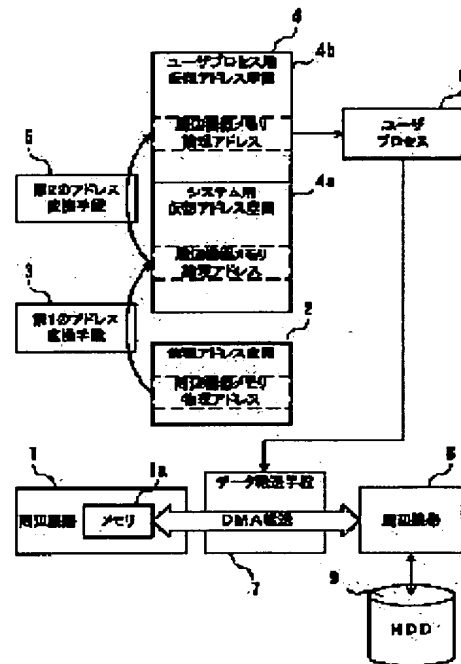(71)Applicant : SONY CORP

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(54) DATA PROCESSOR AND RECORDING MEDIUM

(57)Abstract:
PROBLEM TO BE SOLVED: To speedily transfer data transfer between plural peripheral equipments while utilizing the functions of a file management system.
SOLUTION: A 1st address conversion means 3 converts a physical address of a peripheral equipment 1 into a logical address of a system virtual address space 4a formed in a virtual address space 4. A 2nd address conversion means 5 converts the logical address converted by the means 3 into a logical address in a user processor virtual address space 4b corresponding to a specific user process 6 executed on an OS. A data transfer means 7 executes data transfer based on a direct memory access between a memory 1a of the equipment 1 and another peripheral equipment 8 based on a data transfer request outputted from the user process 6 and specifying the logical address converted by the means 5.

LEGAL STATUS

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